Rec^d Jan 20th
Ans Jan 29

Cambridge. 12 Jan 76

Dear Engelmann

Probably I owe you a letter; but you will ~~[illegible]~~ excuse me, if I have not a moment to write now-a-days.

The present object is to beg you to send me — immediately — that is, as soon as ever you can — brief diagnostic characters of the species of Cuscuta you now admit native of country E. of Mississippi & North of Tennessee & Carolina. — for my Manual — now fast printing off — & keeping me very hard at work.

Did you get the little parcel of Loranthaceae, I sent you by Express?

I think I wrote you a letter by mail.

Ever Yours

Asa Gray

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AL GARDEN
NN PAPERS

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Recd Jan 22d
Ans Jan 29

Cambridge. Jany. 14th 1856

My Dear Friend

Many thanks for your favor of Jany 8th — which came just as I had despatched a missive to pester you about Cuscuta of N. States.

I'll look at the Grasses, when I get at them for Manual. I am driving away at this — with all my force & speed — as it must be out in early spring, — in April, at least — Much depends upon it —

That Eragrostis looks like one I cultivated from seed from Europe, under the name, I think, of E. Engelmanniana — Look in Steudel. Have you got it? (wretched book) I think I once raised it from seed from you, and thought it E. pilosa —

My new ed. will be good up to end of Monopetalae, — after that I fear poor. — yet better than old edition. I will send your list of Euphorbias arranged to Torrey — to keep him straight.

Could you rather speedily do the Euphorbia's for me — in the very brief style of Manual — like, as these first proofs will be a model. — Or, better, & more useful — send me — as you suggest your ~~arranged list~~ arrangement, with the diagnostic characters of all that need it. — I will cull from it what I need, then print it all in Silliman's Journal, or Amer. Academy,— or elsewhere— but right off, — For it is time they were secured— Fendler's & Wright &c— collection being so slowly distributed. (I had a pleasant letter from Fendler, lately. Rather lately one from Wright. He always grumbles)—

I am up close to Compositae in my MSS— & the printer only a dozen pages behind me & driving me sadly—

— Just like those officers in Pope's conduct— — all mean & jealous

Agassiz is working hard at his 1st vol. to be out in June.

Oh, give me the characters of those Alismaceae— and especially of the Sagittarias—

Have you Fries's works— & can you make out our Sparganium, according to his views of N. Europe species?

Ever, dear E.
Yours cordially

Asa Gray

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BOTANICAL
GARDEN

Rec^d Febr 16th
Ans^d Febr 29

Feb. 8. — 1856

Dear E.

Many thanks for mss. of Cuscutineae. Surely I must have told you I was going on with a new ed. of Manual —, I have missed Grindelia squarrosa — When yours of 29th Jan. arrived I had passed the place — Will put it in appendix,

I do not find Eragrostis Engelmanniana taken up in Steudel. But I think your species is abundantly provided for — as I see he has, among others.
E. Nuttalliana = Poa tenella. Nutt.
E. Virginica Zucc.
E. Pennsylvanica, Scheele. Flora, 1844,
E. erythrogona. Nees mss. St. Louis, Drummond).
E. Unionis. Steud. coll Frank. Miami. 1835.
E. cognata. Steud. (capillaris?)
E. Frankii, Meyer. P. tenella. coll. Frank. Amer.)
E. Linkii, Kunth. &c, &c.

Of course examine Wright's Euphorbiae first.

I must depend on you for Sagittaria. I can make nothing of them.

Ever Yours
A. Gray

The printer is nearly through Compositae. I am at the end of Ericaceae

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Rec.d Febr 26
Ans Febr 29

Cambridge 18th Feb, 1856

Dear E.

I received yours, with mss. of Cuscutae — many thanks — it will go to the printer in a few days —

I take the scales on embryo of Cuscuta to be leaves of the plumule — not cotyledons, What say you —

Now also, I have yours of Feb. 8 — dreadful cold winter — mails slow, etc — What a deal of work you have done on ~~the~~ Cactae!

Torrey is to send you some Euphorbiae

I shall soon want your mss. chars. of our E. Mississippi Euphorbias — but, after your schedule lately sent, can get on without it very well — if you have not time. — Do Whipple's Loranthaceae — then Conspectus of all our species of Euphorbia, studying Wright's, &c —

From your list of Illinois plants — I find that I have yet missed none (so far) — except Grindelia sq. — & that you now say —

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is only transient — On strength of what you said I put in the Bumelia — Now you say — "not yet found in Illinois side; — or is it Androsace occid. you mean — that I had passed; but I work it in in the proof.

I doubt if I can send you any thing now for Sagittaria — Send me chars. of of those you recognize, & I will test them on my specimens. —

I send you pr. of the 2 Bayonia.

Sorry I have no time to write what I want to say —

Adieu — Ever Yours cordially.

Asa Gray

Did I send you a copy of Stone's translation of the 2d part of Braun's Veget. Individual? by mail —

If not I can do so —

A. G.

Marsilea east of Mississippi?

[illegible]

Rec^d March 11th
Ans March 12

Mar. 4 — 1856

Dear E.

You have my materials from Vasey of Asclepias Vaseyi; send me a char. —

Is it not the same as Lapham's from Wisconsin? If so, it is Asclepias (not Acerates) lanuginosa, Nutt.? Is it not.

A. G.

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Recd March 25
Ans March 26

19. March — 1856

Dear E.

You see Fendler is here —

—— Yesterday I got yours of the 12th —— But Asclepiadeae are already printed.

A. Meadii. I must put in the app.— But I had a very poor specimen, and referred it to A. obtusifolia — I will revise it. —

On looking at the matter, I had come to the conclusion that Lapham's plant (A. Vaseyi) — which I have from the upper Missouri (Suckley) is the Asclepias sanguinosa of Nuttall. — (which only doubtfully refers to A. curvata ? & I had put it in

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as such.,

What you call *Acerates lanuginosa*. I have from Lapham, & took it for a mere variety of *A. longifolia*. May I not be right in this? –

Fendler says you want a set of his plants from Caracas – The Ferns are beautiful & well done. – What set will you have – one of

1049 species
920.
848.
788
921
665 c—
593.

A Gray

I have saved the 2 upper sets for you & Short. –
If you take 1049. Short shall

Dear E.

I think your Rumex angustifolius, — because I may — since you do not explicitly say Illinois — because there is one angustifol. — because it will before this be taken up & printed in DC. Prodr. by Meisner, under some name or other. It is in Meyer's Coll. Oregon — & is passed as R. acetosa!!

A.G.

have the 9.20, & vice versa.

P.S. 14th—

I am arranging for press the Euphorbias mss you sent me so kindly and promptly.

I have E. Arkansana from Kentucky, Short.

You have overlooked Nuttall's E. peploides (Arkans. Nl.) — which may be your commutata — but I believe is one of the others of that set — biconis or cuneifolia

Recd April 8th
Ans April 9

April 2d — 1856

Dear E.

Yours of 26th came yesterday. I will reconsider Asclepias presently,—time enough—as it is printed—or rather cast.

I wish instead you had sent me Asp. arguminum, for that I am kept back—also for Echinodorus & Sagittaria.—I'll wait a few days longer—then, if they do not come I must do what I can.

Fendler writes you about himself & his plants—

He is a nice, modest,—gentleman-like—intelligent fellow—& we like him much. Yours

A. G.

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Dr Engelmann

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Rec'd April 20
Ans same day

Cambridge. Monday morn 14th April.

Then - dear E. I got yours of the 7th inst this morning - just at the very latest moment which I had determined to wait for it - the work having been kept back 10 days & stopped nearly a week for you - & I have arranged ms. & sent it to the printer, - I shall have a proof of it to-night - !

I like your doing of Sagittaria - & have added ~~the~~ S. subulata - which may however prove a var. of S. simplex. - S. falcata. I have added, from Virginia.

Yours of the 6th came on Friday - but altogether too late - I could not wait so long & had had the page for Sparganium & Typha cast - - I had studied & arranged them

1 S. diffusum - 2. S. ramosum 3. S. simplex (americanum). 4. S. natans var. affine (fide Fries). 5. S. angustifolium, Michx (fide Fries) - I did them brief as possible, committing myself as little as I could - for I have not yet the means of settling them - nor indeed have you yet - that is plain - They had better wait thus till we know more about them. Only shall

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I keep your name S. digynum — or change to S. eurycarpum. I have no ~~ripe~~ fruit of European S. ramosum.

Has the European ramosum ever 2 stigmas? — Will you send me a ripe fruit of it?

Your nos. 3, 4, 5. I guess are all one.

Have you diff. enough between your No. 1 & no 2. Are they not both *one* distinct from the European S. ramosum?

Just drop me a line, by a day or 2 — & I will defer altering the plate till I hear from you!

I can without any great expense alter the page — but without increasing or diminishing the number of lines.

Fendler has gone on to Philada to make ready for his return to Venezuela in first vessel — Ever Yours

A Gray

yes! often

yes and of S. simplex

my 1 & 2 are the St Louis and the European ramosum. I do not know, where to place the eastern ramosum.

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Rec^d April 22^d
Ans May 13

Cambridge. 15th April,
'56

Dear Engelmann.

I got this morning your favor of the 9th with enclosure, & have indorsed the draft to Fendler's order — and forwarded it with your letter to him — to an address where I told him to call — viz, Thos. P. James, Esq. ~~Viz~~ 212 Market St. Philadelphia — I doubt if he will sail for a week or two yet.

The packages of plants for you are nicely packed up in a large envelope and put into my garret —

I do not know what time in August the Albany meeting is to be — I will ask.

I strongly urged Miss Murray to *write* her book before she printed it — & not send her hastily jotted journal to press as it was — but she would not take advice — for the book is mostly mere twaddle, while she might have written a good one had she pleased ~~to~~ take the trouble. But it *sells*, I hear, wonderfully well.

Bravo, Shaw, I hope he will get a great many Western things growing in his garden —

I enclose DeCandolle's letter to you — that you at your leisure may give some information as to the cost of getting from St. Louis into Oregon.

I have however advised Lebandelle that the Indians in Oregon are too troublesome now & living too dear, for Mr. Hunt to go there with advantage at present.

I offer to subscribe to their call wherever in America they may go.

How long do you mean to stay abroad?

Does Mrs. Engelmann go
with you?

Ever. Yours cordially

Asa Gray

P.S. I mailed a letter
to you this morning

A. G.

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Recd May 30th
As June 27

Cambridge 26th May, 1856

Dear Engelmann.

I have 2 letters of yours unanswered — April 20th & May 13.

I have been unable to write except most urgent letters — College work — Garden (Gardener's house moved by widening of a street) & Manual, &c — all crowding together. At length my part of Manual is done — all but Preface &c — and I expect to receive Sullivant's mss. to-day, which will go right into the printers' hands.

Now I have some dropped ~~stitches~~ stitches to take up, and I have deferred your letters till then. Also, because I could not yet say, during what 2 or 3 weeks of summer I mean to be absent from Cambridge — on a visit to my mother. — And I must arrange that it shall not be while you are this way; for I must not miss seeing as much of you as possible

Also, I have to expect Harvey here — He has crossed from Australia & South Sea Islands to Valparaiso, and every day I expect to hear he is at Quito — & on his way hither, where his stay will be short. I hope we may all get together at the time of the Albany meeting. 20th August. If Harvey does not come sooner, I will try to make my visit to my mother in W. New York just before that meeting.

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But I hardly see how I am
to spare the time. I shall
probably stay only 2 or 3 days
at Albany, I go to the
meeting to see old friends, but
want always to have little to do
with the arrangement, &c

Your letter of May 13. came
on ~~Tuesda~~ Monday. I wrote
Hooker that the box it an-
nounced for him would probably
be just too late for the steamer
of Wednesday. The boxes came
Wednesday morning at 1/2 past
8. — the steamer to sail from
E. Boston at noon —
I set at work, covered No 2,
addressed — wrote another line to
notify Hooker — took the box in to
Boston, over to E. Boston, & put
it on board in time. Dr Hooker

have it about the time you
get this, (Thank you much for the box sent to our garden!)
Hooker wrote he was well pleased
with Fendler's collection — &
will arrange with F. to collect
museum objects, seeds, &c —

As to *Sagittaria*: your leaf
shows that you have S. natans,
& I will put it in Appendix, I think,
— first examining. —

Centunculus I knew.

Limosella, in Man. you will
find our plant reduced to var. of
European.

Plantago pusilla — You will find
all about in new ed. of *Manual*.
(the many-seeded one is P. heterophylla, *Nutt.*)
& in Mss. of Pl. Wright. 3; you will
read some curious remarks made on
Nuttalling the genus, which Decaisne
has done *discreditably*!

26 May 56

Sparganium. I am going to correct all I can on the stereotype plate — changing name Digynum to eurycarpum — We are not ready to overhaul it thoroughly yet. In fact the lines between the forms in Europe as here are not readily made out. This year I will make it a point to look at Sparganium growing about here. &c —

It is a great pity I had not my manual out in Spring. I suffer in pocket by it severely. and now it is occupying time which ought to be given to other pressing things —

Ever Yours cordially

Asa Gray

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6 – June 9.th 185–

Dear Engelmann

Please give me the names, as well as you can, of Berlandier's Cacteæ nos.

195. ~~Opuntia~~ frutescens „Cact. caulocarpon" / vaginata

1455 = 195

(993 = 2423

(2423 Cereus Berlandieri n. sp. (Hoppi
Hort Goebel

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Rec: July 11th
Ans July 21

Cambridge. 5th July 1856.

Dear Dr.

Yours of 27th June, with Cactus mss. came 2 days ago.

My Botany N. S. has been a good while done, all but Sullivant's mosses — about which there has been great & unexpected delay. I got the last of his mss. only a few days ago — and that was not at the end, but in the middle.

I can only hope to hand you your copy here in August.

How strangely you must feel at breaking off from practice

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and having the command of your own time!

The Cactus mss. I will have printed in Proceedings Amer. Acad., or the Memoirs, under my own eye, and soon. It would not do to trust the good Durand to read proofs. — I could send them to you, if I knew where you were to be, at any given time. — perhaps before you leave St. Louis.

Well, I will expect you here after the Albany meeting and will make my short trip before that time.

One advantage will be that Mrs. Gray's sister (an invalid) & family of children, now with us, will probably have returned to Boston by that time: and so we shall have not only the single bed to offer you — which is always ready — but also plenty of room for Mrs. Engelmann & your children, if they come with you.

Lapham of Milwaukee is the only botanist on your route I can think of.

Dawson, principally a geologist, formerly of Nova Scotia — now

principal of McGill College,
Montreal, passed here for Nova
Scotia lately. But he will be
back again, I trust. I will give
you a letter to him. There is a
Dr. Brunston, or some such name
there, said to know something of
Botany. — But you will see
no one I know at Quebec,
where there ought to be a botanist.

Keep me advised of your
movements, and I will forward
letters to you, from time to time.

Next Tuesday my College
work — which takes up much time, —
will be over — I have accomplished
nothing for a few weeks past, —
I was beginning to have uneasy
feelings in my head & easily ~~fatigued~~
fatigued. But a few days rest
will set it right, I hope.

Ever Yours faithfully
Asa Gray

Thanks for Houstonia
minima nice specimen!
& Viola bicolor!

Rec: July 17
Ans: July 20

10 July

56

Dear E.,

You know I have copy of Cactaceae from you up to pl. XXVII. It is in hand, and I may hope to send you proofs next week.

Send on the rest. All hand, and we will put it through.

Yours ever

A. Gray

a ~~[illegible] July 17~~

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Mi
Bo
G

Rec^d July 23^d
Ans same day

18^th July. 1856.

Dear E.,

I have sent you – 2 days ago proof of 8 pages of Cactaceae

Here is 8 more – not yet read by me. Read & return speedily.

I will send you no more, unless I hear they will be in time. Shall I send the rest to Niagara?

Very hot here

Yours ever

A Gray

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Rec^d Aug 1st

Cambridge 27th July 1856.

Gray

Dear Engelmann

Yours of the 21st came last night. —

Meanwhile I have sent you (St. Louis) 2 proofs of 8 pages each at different times. Both will have reached you ere this, and I trust, soon to get them back.

There will be no necessity of printing *Opuntia* before *Cereus* if you will either *bring* the mss. of the latter with you or finish it up while here.

I expect proof of the 3d sheet in time to send it to you at Niagara. If we can print off these 3 all the rest can wait well enough till you are here.

Here you shall have a table, books &c — and shall work as much and as long as you like.

the more the better.

Agassiz — being at Nahant — & he and I equally busy in our several occupations, I see him rarely at this season. He will doubtless be at Albany.

It is my present plan to be in N. Y. State from the 8th or 9th Aug. to the Albany meeting, where I mean to stay only 2 days. —

We think somewhat of going via L. Champlain and Ogdensburgh, — when in that case, I shall probably pass only 2 days before you on your way to Montreal.

Ever yours faithfully

Asa Gray

MISSOURI BOTANIC... ...EN
GEORGE ENGELMANN PAPERS

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Recd Aug 16th
Ans. Aug 18th

Cambridge Aug. 6. 1856.

Dear Engelmann

I have waited till now hoping to have a 3d sheet of proofs of Cactaceæ to meet you at Niagara. But none has come. Never mind. You shall read them all here.

I leave on Friday — go direct to Oneida Co — then to Syracuse —

Address me up to the 20th inst, or 19th, at ~~Sau~~
Sauquoit
Oneida Co
N. Y.

Yours ever
A. Gray

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BOTAN
GARD

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70 40 [illegible] 30
g [illegible] 120. 100.— [illegible] 106 50
[illegible] ~~290~~ 285 [illegible] 200
D. K. 6 50 6 50 Cash [illegible] 57 35
g [illegible] 60 56 50

~~493 85~~

189 40 [illegible] — [illegible] 47 50

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23 45 ausgegeben

9 50
28
[illegible]

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omnibus	75
breakfast	125
Apples	30
[illegible]	10 20?
[illegible]	5
ferry [illegible]	15
[illegible]	5
Hack	85
[illegible]	50
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[illegible]	9 —
Cam obscura	35
[illegible]	50
[illegible]	10
[illegible]	60
Hack [illegible]	4 10

Briefe v. Gray — [illegible]

20 50
493 85
47 50
561 85

Museum 60
Hack 25
85

1965 2050

Recd N York Nov 15
Ans Nov 17th

Cambridge Nov 13th 1856
Wednesday

Dear Engelmann

Interruptions prevent my writing to you — perhaps more to-morrow

I send to Westerman your French-addressed copies of Cactaceae — & a few things for M. Delessert, & one or two others, which I am going to impose on you —

If they bother you when you land — put the whole of them into the hands of the house of Delaroche Delessert, &c. Havre — who will send

them up to Paris.

But call on Delessert & deliver my letter. He will take charge of every thing you may have to deliver in Paris, if you pass on without stopping.

Be sure to call on him. He is an excellent acquaintance — his ~~[illegible]~~ services to the botanists pleasant — & he the best of men.

Bon voyage to you Mrs. E. & George

Yours ever

A Gray.

P.S.

I have asked Putnam & Co to send 3 copies of Manual to Westermann to go with the things I send

A.G.